\mathcal{J}^{Λ}

DATE: 11/27/2004 TIME: 10:05:36

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/516,310C

Input Set : A:\22000.0021U2.txt.txt Output Set: N:\CRF3\11272001\I516310C.raw RCEVED TO THE OWNER OF THE OWNER OWNER OF THE OWNER OWNE

```
3 <110> APPLICANT: Lin, Yao-Zhong
             Hawiger, Jack J.
     6 <120> TITLE OF INVENTION: A Novel Method for Importing
             Biologically Active Molecules into Cells
     10 <130> FILE REFERENCE: 22000.0021U2
     12 <140> CURRENT APPLICATION NUMBER: 09/516,310C
C--> 13 <141> CURRENT FILING DATE: 2000-03-10
     15 <150> PRIOR APPLICATION NUMBER: 09/170,754
     16 <151> PRIOR FILING DATE: 1998-10-13
     18 <150> PRIOR APPLICATION NUMBER: 09/052,784
     19 <151> PRIOR FILING DATE: 1998-03-31
     21 <150> PRIOR APPLICATION NUMBER: 08/258,852
     22 <151> PRIOR FILING DATE: 1994-06-13
     24 <160> NUMBER OF SEQ ID NOS: 11
     26.<170> SOFTWARE: FastSEQ for Windows Version 4.0
     28 <210> SEQ ID NO: 1
     29 <211> LENGTH: 26
     30 <212> TYPE: PRT
     31 <213> ORGANISM: Artificial Sequence
     34 <223> OTHER INFORMATION: Description of Artificial Sequence; note = synthetic
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      36 <221> NAME/KEY: SITE
      38 <223> OTHER INFORMATION: note = Signal peptide amino acid sequence of K-FGF
      40 <221> NAME/KEY: SITE
      41 <222> LOCATION: (17)...(19)
      42 <223> OTHER INFORMATION: note = Spacer region
      44 <221> NAME/KEY: SITE
      45 <222> LOCATION: (20)...(26)
      46 <223> OTHER INFORMATION: note = Epitope tag
      48 <400> SEQUENCE: 1
      49 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
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      51 Ala Ala Ala Asp Gln Asn Gln Leu Met Pro
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       55 <211> LENGTH: 7
       56 <212> TYPE: PRT
       57 <213> ORGANISM: Artificial Sequence
       60 <223> OTHER INFORMATION: Description of Artificial Sequence; note = synthetic
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       63 Asn Tyr Lys Lys Pro Lys Leu
       64 1
       66 <210> SEQ ID NO: 3
       67 <211> LENGTH: 26
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68 <212> TYPE: PRT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/516,310C

DATE: 11/27/2001
TIME: 10:05:36

Input Set : A:\22000.0021U2.txt.txt
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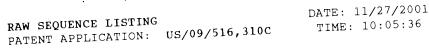
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69 <213> ORGANISM: Artificial Sequence
    72 <223> OTHER INFORMATION: Description of Artificial Sequence; note = synthetic
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    74 <221> NAME/KEY: SITE
    76 <223> OTHER INFORMATION: note = Signal peptide amino acid sequence of K-FGF
     78 <221> NAME/KEY: SITE
     79 <222> LOCATION: (17)...(19)
     80 <223> OTHER INFORMATION: Spacer region
     82 <221> NAME/KEY: SITE
     83 <222> LOCATION: (20)...(26)
     84 < 223 > OTHER INFORMATION: Nuclear localization sequence of aFGF
     87 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
     86 <400> SEQUENCE: 3
                          5
     89 Ala Ala Ala Asn Tyr Lys Lys Pro Lys Leu
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      94 <212> TYPE: PRT
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      102 <223> OTHER INFORMATION: note = Signal peptide amino acid sequence of K-FGF
      104 <221> NAME/KEY: SITE
      105 <222> LOCATION: (17)...(19)
      106 <223> OTHER INFORMATION: note = Spacer region
       108 <221> NAME/KEY: SITE
       110 <223> OTHER INFORMATION: note = Nuclear localization sequence of aFGF
       109 <222> LOCATION: (20)...(26)
       112 <221> NAME/KEY: SITE
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       114 <223> OTHER INFORMATION: note = Epitope tag
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        130 <221> NAME/KEY: SITE
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/516,310C

TIME: 11/27/2001
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Input Set : A:\22000.0021U2.txt.txt
Output Set: N:\CRF3\11272001\I516310C.raw

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    138 <210> SEQ ID NO: 6
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    146 <400> SEQUENCE: 6
    149 Glu Ile Leu Leu Pro Asn Asn Tyr Asn Ala Tyr Glu Ser Tyr Lys Tyr
                20
     151 Pro Gly Met Phe Ile Ala Leu Ser Lys
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     154 <210> SEQ ID NO: 7
     155 <211> LENGTH: 25
     156 <212> TYPE: PRT
     157 <213> ORGANISM: Artificial Sequence
     160 <223> OTHER INFORMATION: Description of Artificial Sequence; note = synthetic
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      163 Glu Ile Leu Leu Pro Asn Asn Tyr Asn Ala Tyr Glu Ser Tyr Lys Tyr
     162 <400> SEQUENCE: 7
      164 1 5
      165 Pro Gly Met Phe Ile Ala Leu Ser Lys
           20
      166
      168 <210> SEQ ID NO: 8
      169 <211> LENGTH: 26
      170 <212> TYPE: PRT
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      174 <223> OTHER INFORMATION: Description of Artificial Sequence; note = synthetic
  construct
      177 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
      176 <400> SEQUENCE: 8
                          5
       178 1
       179 Ile Glu Glu Lys Arg Lys Arg Thr Tyr Glu
                     20
       180
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       183 <211> LENGTH: 26
       184 <212> TYPE: PRT
       185 <213> ORGANISM: Artificial Sequence
       188 <223> OTHER INFORMATION: Description of Artificial Sequence; note = synthetic
   construct
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                            5
        193 Val Asn Arg Lys Arg Asn Lys Leu Met Pro
                       20
        194
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Input Set : A:\22000.0021U2.txt.txt
Output Set: N:\CRF3\11272001\I516310C.raw

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    198 <212> TYPE: PRT
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    204 <400> SEQUENCE: 10
    205 Val Asn Arg Lys Arg Asn Lys Leu Met Pro
     206 1
    208 <210> SEQ ID NO: 11
     209 <211> LENGTH: 10
     210 <212> TYPE: PRT
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     214 <223> OTHER INFORMATION: Description of Artificial Sequence; note = synthetic
construct
     216 <400> SEQUENCE: 11
     217 Ile Glu Glu Lys Arg Lys Arg Thr Tyr Glu
     218 1
```



PATENT APPLICATION: US/09/516,310C

DATE: 11/27/2001 TIME: 10:05:37

Input Set : A:\22000.0021U2.txt.txt
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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date